



Pre-Amdt A #3  
4.9.02  
Wilcher

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

WILLIAM G. MILLER

US010067

Application No.: 10/022,172

Group Art: 2614

Filed: December 13, 2001

CIRCUIT FOR COMBINING AKB AND SELECTIVE BEAM CURRENT

RECEIVED

Commissioner for Patents  
Washington, D.C. 20231

APR 04 2002

Technology Center 2600

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination,  
please amend the above-identified application as follows:

IN THE CLAIMS

Please examine newly-presented claims 6-12 as follows:

6. (New) A video control circuit for carrying out an  
automatic kinescope bias control, and an average individual  
beam current sensing and limiting in respective cathode ray  
tubes (CRT<sub>R</sub>, CRT<sub>G</sub>, CRT<sub>B</sub>), the video control circuit  
comprising:

a video processor (V1); and

a feedback circuit (F) for feeding back  
proportions of red (R), green (G) and blue (B) cathode  
currents driving the corresponding cathode ray tubes (CRT<sub>R</sub>,  
CRT<sub>G</sub>, CRT<sub>B</sub>) to the video processor (V1) for automatic  
kinescope bias control by adjusting black levels of the  
respective cathode currents (R, G, B), the feedback circuit  
(F) comprising at least one average beam current sensing  
circuit (A) for sensing the proportion of one of the cathode  
currents (R, G, B), to feed back a beam limiting signal  
(VABL) to the video processor (V1) for introducing a gain  
reduction in video gain stages to limit the red (R), green  
(G) and blue (B) cathode currents in case the proportion of  
one of the cathode currents (R,G,B) exceeds a predetermined  
value.

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